PATENT COOPERATION TREATY

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REC'D	18	MAY	2005
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

			
Applicant's or agent's file reference	FOR FURTHER ACTIO	ON See Form P	CT/IPEA/416
100905-1 WO SECTION SE			
International application No. International filing date		y/month/year)	Priority date (day/month/year)
PCT/SE 2004/000487 30.03.2004			31.03.2003
International Patent Classification (IPC) o	r national classification and	IPC	
C07D 213/30, A61K 31/	44, A61P 29/00		
Aunlianut			
Applicant AstraZeneca AB et al			
Astrazeneta Ab et ar			
This report is the international pro Authority under Article 35 and tr	eliminary examination report cansmitted to the applicant ac	t, established by thi ecording to Article	is International Preliminary Examining 36.
2. This REPORT consists of a total	of 5 sheets, i	ncluding this cover	r sheet.
3. This report is also accompanied b	y ANNEXES, comprising:		
) - 4-4-1 - 6	sheets, as follows:
	t and to the International But		
sheets of the and/or sheets	containing rectifications aut	rawings which have thorized by this Au	e been amended and are the basis of this report athority (see Rule 70.16 and Section 607 of the
Administrati	ve Instructions).		
sheets which	supersede earlier sheets, but lisclosure in the international	t which this Author application as file	rity considers contain an amendment that goes d, as indicated in item 4 of Box No. I and the
Supplementa		opposition as also	
b. (sent to the Internati	onal Bureau only) a total of	(indicate type and	number of electronic carrier(s))
	, containing	a sequence listing	and/or tables related thereto, in computer
readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the			
Administrative Instructions).			
4. This report contains indications r	= =	is:	
	of the report		
<u> </u>	Box No. II Priority		
Box No. III Non-ea	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
Box No. IV Lack of unity of invention			
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial			
applicability; citations and explanations supporting such statement Box No. VI Certain documents cited			
Box No. VII Certain defects in the international application			
<u> </u>			
Box No. VIII Certain observations on the international application			
Date of submission of the demand		Date of completion	n of this report
06.10.2004		08.04.200	5
Name and mailing address of the IPEA/SE		Authorized officer	
Patent- och registreringsverket			
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Form PCT/IPEA/409 (cover sheet) (January 2004)

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International application No.

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Box	No. I	Basis of the report
1.	otherw	egard to the language, this report is based on the international application in the language in which it was filed, unless ise indicated under this item.
		This report is based on a translation from the original language into the following language, which is the language of a translation furnished for the purposes of:
		international search (under Rules 12.3 and 23.1(b))
		publication of the international application (under Rule 12.4)
		international preliminary examination (under Rules 55.2 and/or 55.3)
2.	furnish	regard to the elements of the international application, this report is based on (replacement sheets which have been ned to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" te not annexed to this report):
	\boxtimes	the international application as originally filed/furnished
		the description:
		pages as originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
		the claims: pages as originally filed/furnished
		pages as originally filed/furnished pages* as amended (together with any statement) under Article 19
		pages* received by this Authority on
		pages* received by this Authority on
		the drawings:
		pages as originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
		a sequence listing and/or any related table(s) see Supplemental Box Relating to Sequence Listing.
3.		The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
4.		This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
ļ		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
*	If iten	n 4 applies, some or all of those sheets may be marked "superseded."

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Box No. I	II Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
The questi	ions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially have not been examined in respect of:
	the entire international application
\boxtimes	claims Nos. 13, 14
because	e:
	the said international application, or the said claims Nos. 13, 14 relate to the following subject matter which does not require an international preliminary examination (specify):
anir	PCT Rule 67.1.(iv).: Methods for treatment of the human or mal body by surgery or therapy, as well as diagnostic hods.
	the description, claims or drawings (indicate particular elements below) or said claims Nos are so unclear that no meaningful opinion could be formed (specify):
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.
	no international search report has been established for said claims Nos.
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
:	the written form has not been furnished
	does not comply with the standard
	the computer readable form has not been furnished
	does not comply with the standard
	the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in the Annex C-bis of the Administrative Instructions.
	See Supplemental Box for further details.

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
1	citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims Claims	1-12, 15	YES NO
Inventive step (IS)	Claims Claims	1-12. 15	YES NO
Industrial applicability (IA)	Claims Claims	1-12, 15	YES NO

2. Citations and explanations (Rule 70.7)

The claimed invention relates to novel 6-substituted 2-aminopyridine derivates for the treatment or prophylaxis of human diseases or conditions in which inhibition of nitric oxide synthase activity is beneficial especially inflammatory diseases, a process for their preparation and compositions containing them.

The following documents are cited in the search report:

D1 WO 9618617 A1

D2 WO 9618616 A1

D3 US 4590167 A1

D4 STN International, File CAPLUS, CAPLUS accession no. 1980:18197, Document no. 92:18197

D1 is regarded as being the closest prior art to the subjectmatter of claim 1-12 and 15 and discloses substituted 2acylamino-pyridines as inhibitors of nitric oxide synthase. The claimed compounds differ structurally from the known compounds.

Thus, the cited documents represent the general state of the art.

The invention defined in claims 1-12 and 15 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed compounds as inhibitors of nitric oxide synthase.

Therefore, the claimed invention is not obvious to a person

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient. Continuation of: $Box\ V$

skilled in the art.

Consequently, the cited documents only disclose the general state of the art, and are not considered to be of particular relevance.

Accordingly, the invention defined in claims 1-12 and 15 is novel and is considered to involve an inventive step. The invention is industrially applicable.